

12-19-05

12/16/05



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/828,481-Conf. #4860
		Filing Date	April 20, 2004
		First Named Inventor	Carl H. JUNE et al.
		Art Unit	1632
		Examiner Name	D. T. Nguyen
Total Number of Pages in This Submission	5	Attorney Docket Number	36119.140US3/AM100528

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	WILMER CUTLER PICKERING HALE AND DORR LLP		
Signature			
Printed name	Colleen Superko		
Date	December 15, 2005	Reg. No.	39,850

Express Mail Label No. EV621477199US Dated: December 16, 2005

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*Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).*

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

<i>Complete if Known</i>	
Application Number	10/828,481-Conf. #4860
Filing Date	April 20, 2004
First Named Inventor	Carl H. JUNE et al.
Examiner Name	D. T. Nguyen
Art Unit	1632
Attorney Docket No.	36119.140US3/AM100528

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 08-0219 Deposit Account Name: Wilmer Cutler Pickering Hale and Dorr LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues) 50 25
Each independent claim over 3 (including Reissues) 200 100
Multiple dependent claims 360 180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	
- =	x	=		<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>		
- =	x	=			

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/50	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00

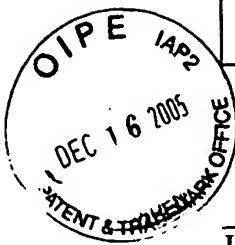
SUBMITTED BY

Signature	<i>Colleen Superko</i>	Registration No. (Attorney/Agent)	39,850	Telephone	(617) 526-6000
Name (Print/Type)	Colleen Superko		Date	December 15, 2005	

Express Mail Label No. EV621477199US Dated: December 16, 2005

Express Mail Label No. EV621477199US Dated: December 16, 2005

Docket No.: 36119.140US3/AM100528
(PATENT)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Carl H. JUNE et al.

Application No.: 10/828,481

Confirmation No.: 4860

Filed: April 20, 2004

Art Unit: 1632

For: METHODS FOR TRANSFECTING T CELLS

Examiner: D. T. Nguyen

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits and before the mailing date of a final Office Action or a Notice of Allowance.

Please charge the \$180.00 fee to our Deposit Account No. 08-0219.

Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

Dated: December 15, 2005

Respectfully submitted,

12/21/2005 DTESEM1 00000024 080219 10828481
01 FC:1806 180.00 DA

By Colleen Superko
Colleen Superko
Registration No.: 39,850
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Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

				<i>Complete if Known</i>	
				Application Number	10/828,481 – Conf. #4860
				Filing Date	April 20, 2004
				First Named Inventor	Carl H. JUNE et al.
				Art Unit	1632
				Examiner Name	D. T. Nguyen
Sheet	1	of	2	Attorney Docket Number	36119.140US3/AM100528

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA*	US-5,272,082	12-21-1993	Santoli et al.		
AB*	US-5,399,346	03-21-1995	Anderson et al.		
AC*	US-5,443,983	08-22-1995	Ochoa et al.		
AD*	US-5,733,543	03-31-1998	Nabel et al.		
AE*	US-5,738,852	04-14-1998	Robinson et al.		
AF*	US-5,827,642	10-27-1998	Riddell et al.		
AG*	US-5,858,358	01-12-1999	June et al.		
AH*	US-6,692,964	02-17-2004	June et al.		
AI*	US-2004-0087025	05-06-2004	June et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	BA	WO-90/05541	05-31-1990	THE REGENTS OF THE UNIVERSITY OF MICHIGAN		
	BB	WO-94/12196	06-09-1994	TANOX BIOSYSTEMS, INC.		
	BC	WO-94/29436	12-22-1994	THE UNITED STATES OF AMERICA represented by THE SECRETARY OF THE NAVY		
	BD	WO-95/03408	02-02-1995	DANA-FARBER CANCER INSTITUTE		
	BE	WO-95/33823	12-14-1995	THE UNITED STATES OF AMERICA, represented by THE SECRETARY OF THE NAVY		
	BF	WO-95/34320	12-21-1995	REGENTS OF THE UNIVERSITY OF MINNESOTA		
	BG	WO-96/01122	01-18-1996	DANA-FARBER CANCER INSTITUTE		
	BH	WO-96/02646	02-01-1996	CYTOTHERAPEUTICS, INC.		
	BI	WO-96/06942	03-07-1996	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/828,481 – Conf. #4860
				Filing Date	April 20, 2004
				First Named Inventor	Carl H. JUNE et al.
				Art Unit	1632
				Examiner Name	D. T. Nguyen
Sheet	2	of	2	Attorney Docket Number	36119.140US3/AM100528

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	CA	Cann et al., "High Efficiency Transfection of Primary Human Lymphocytes and Studies of Gene Expression," <i>Oncogene</i> , 3:122-128 (1988)		
	CB	Coghlan, "Gene Dream Fades Away" <i>New Scientist</i> , 148: 14-15 (1995)		
	CC	Crystal, "Transfer of Genes to Humans: Early Lessons and Obstacles to Success" <i>Science</i> , 270:404-410 (1995)		
	CD	Fauser, "Long-Term Expression of Gene Introduction into Normal Human T-Lymphocytes by Retroviral-Mediated Gene Transfer," <i>Journal of Cellular Biochemistry</i> , 45:353-358 (1991)		
	CE	Finer et al., "kat: A High-Efficiency Retroviral Transduction System for PRimary HUman T Lymphocytes," <i>Blood</i> , 83(1):43-50 (1994)		
	CF	Guba et al., "Interleukin-3 Gene Induction in Normal Human T Cells Via Stimulation of CD3 and CD28," <i>Clinical Research</i> , 37(4) (1989)		
	CG	Gunzburg et al., "Virus Vector Design in Gene Therapy" <i>Molecular Medicine Today</i> , 410-417 (1995)		
	CH	Lowenthal et al., "Tumor Necrosis Factor α Induces Proteins that Bind Specifically to kB-like Enhancer Elements and Regulate Interleukin 2 Receptor α -chain Gene Expression in Primary Human T Lymphocytes," <i>PNAS USA</i> , 86:2331-2335 (1989)		
	CI	Mastrangelo et al. "Gene Therapy for Human Cancer: An Essay for Clinicians" <i>Seminars In Oncology</i> , 23(1):4-21 (1996)		
	CJ	Novak et al., "In Vitro Transfection of Fresh Thymocytes and T Cells Shows SUbset-Specific Expression of Viral Promoters," <i>Molecular and Cellular Biology</i> , 12:1515-1527 (1992)		
	CK	Park et al., "Transcriptional Regulation of Interleukin 3 (IL3) in Primary Human T Lymphocytes," <i>Journal of Biological Chemistry</i> , 268(9):6299-6308 (1993)		
	CL	Philip et al., "Efficient and Sustained Gene Expression in Primary T Lymphocytes and Primary and Cultured Tumor Cells Mediated by Adeno-Associated Virus Plasmid DNA Complexed to Cationic Liposomes," <i>Molecular and Celluar Biology</i> , 14:2411-2418 (1994)		
	CM	Tiberghein et al., "Ganciclovir Treatment of Herpes Simplex Thymidine Kinase-Transduced Primary T Lymphocytes: An Approach for Specific In Vivo Donor T-Cell Depletion After Bone Marrow Transplantation?" <i>Blood</i> , 84(4):1333-1341 (1994)		

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ³Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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